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(71) Applicant (for all designated States except US): **LECO CORPORATION** [US/US]; 3000 Lakeview Avenue, St. Joseph, MI 49085-2396 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **VERENTCHIKOV, Anatoli, N.** [RU/RU]; 20 Kavalergardskaya, Apt. 16, St.

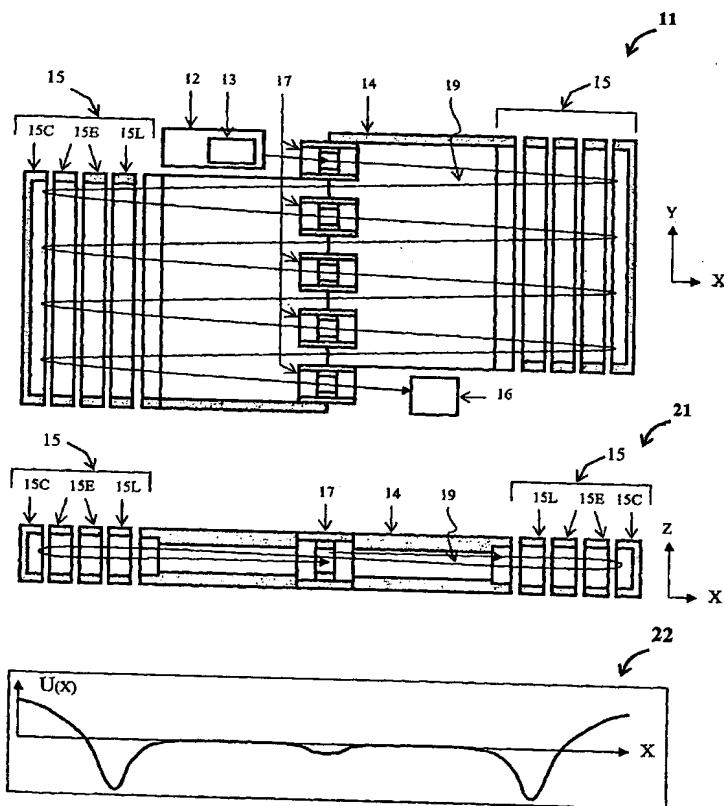
Petersburg, 193124 (RU). **YAVOR, Mikhall** [RU/RU]; 1 Aviakonstruktorov Ave, Apt. 389, St. Petersburg, 197372 (RU). **MITCHELL, Joel, C.** [US/US]; 3046 Hinchman, Bridgman, MI 49106 (US). **ARTAEV, Viatcheslav** [US/US]; 3135 Ravine Ave., St. Joseph, MI 49085 (US).

(74) Agents: **KANE, Barry, C.** et al.; Miller, Johnson, Snell & Cumiskey, P.L.C., Calder Plaza Building, 250 Monroe Avenue, N.W., Suite 800, P.O. Box 306, Grand Rapids, MI 49501-0306 (US).

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[Continued on next page]

(54) Title: MULTI REFLECTING TIME-OF-FLIGHT MASS SPECTROMETER AND A METHOD OF USE



(57) Abstract: A multiple reflecting time-of-flight mass spectrometer (MR-TOF MS) and method of analysis are disclosed. The flight path of ions is folded along a trajectory by electrostatic mirrors. The longer flight path provides higher resolution while maintaining a moderate instrument size.

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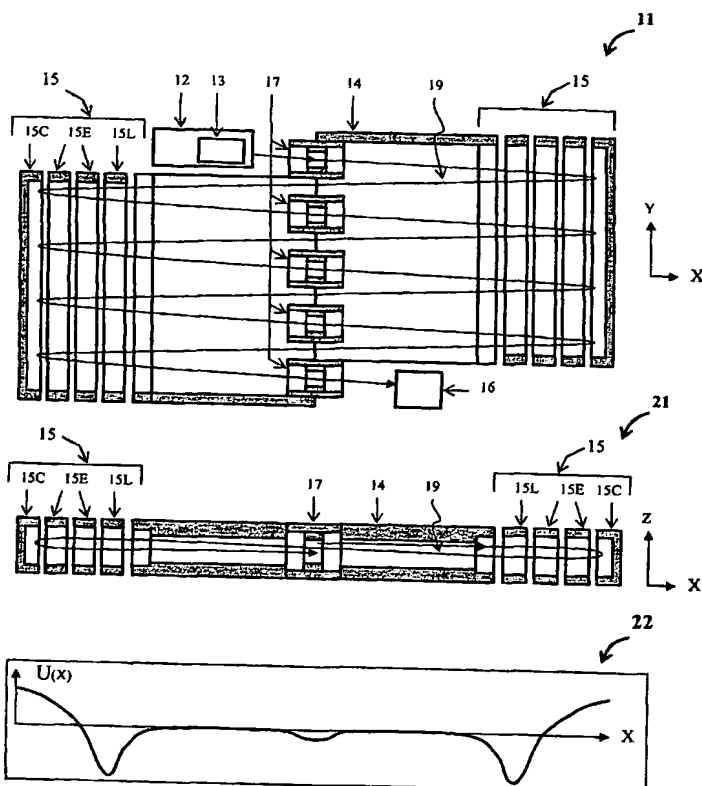
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(74) Agents: **DOLCE, Marcus, P.** et al.; Price, Heneveld, Cooper, Dewitt & Litton, LLP, 695 Kenmoor, S.E., P.O. Box 2567, Grand Rapids, MI 49501-2567 (US).

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